

University preparing to deal with uncertain budget

Ball now in government's court

It's now officially a waiting game. Until the provincial government unveils the university operating grant for the 1996-97 fiscal year the precise implications for the UVic budget won't be known. But in the meantime, the UVic budgeting process is underway, with the annual search for savings being conducted against the backdrop of the real potential for a significant reduction in the University's operating grant next year. A provincial budget is expected sometime in March.

"We can't wait until the provincial budget before beginning our own budget review," says UVic President David Strong. "We want to be ready to analyze the numbers as soon as we get firm information on the provincial grant and to make decisions in the least disruptive way for our students, faculty and staff." Strong has asked Vice President Academic Dr. Sam Scully and Vice President Finance and Operations Dr. Don Rowlatt to begin the budget processes in their areas and to prepare for the possibility of significant budget cuts. The goal of the exercise is to provide the University's Board of Governors with a clear picture of the circumstances that may face UVic in the medium term.

The level of concern about the current budget picture is even greater than it has been in recent years, when UVic budgets have had to be pared back. UVic cut \$1.2 million from its operating budget in 1994-95 and \$1.7 million from its operations in 1995-96.

Scully sent a memo outlining the fiscal challenges facing UVic to all faculty members on Dec. 1 (reprinted in the Dec. 8 *Ring*) and made a presentation to each of the Faculty meetings last month. The Deans have been asked to respond on where reductions in expenditures could be made in each of the next three years and what implications these would have for their programs. In his Dec. 1 memo, Scully suggested that any substantial cut in the provincial operating grant would require

significant reductions in UVic expenditures on salaries and benefits, which make up 83 per cent of the University's operating budget.

Administrative directors in Rowlatt's area have been asked to prepare preliminary budget

If significant cuts become necessary, we're determined to implement them in an open and consultative manner which protects the quality of education, maintains accessibility to the greatest degree possible, and minimizes the impact on people."

proposals based on the possibility of reductions in the next three years. These will be reviewed by advisory teams comprising the director of the unit and a number of administrators, both academic and non-academic, from other areas. The advisory teams will provide the director of the unit with advice and ideas and create a better understanding of the operations and issues in other areas.

"We haven't launched a full-scale process with formal budget reduction targets, since we don't know what the Provincial government is going to do. At this point we want to encourage all faculty and staff to work with their deans, chairs, directors and managers to provide ideas and suggestions on how we could handle significant budget reductions, recognizing that we're all waiting for the biggest piece of the puzzle to be put into place," says Strong. "We want to be ready when the government does make its decisions but, in the meantime, we'll be able to ensure that government, particularly the Minister of Skills, Training and Labour [Dan Miller] and our local MLA [Finance Minister Elizabeth Cull], are aware of the implications if the government were to move away from its investment in education."

"If significant cuts become necessary, we're determined to implement them in an open and consultative manner which protects the quality of education, maintains accessibility to the greatest degree possible, and minimizes the impact on people."

As noted in Scully's memo,

the provincial operating grant comprises 72 per cent of UVic's operating revenues. Each one per cent cut to the grant would cost UVic \$983,000. Every one per cent of increase in tuition fees, for example, would recapture only \$283,000 of this amount

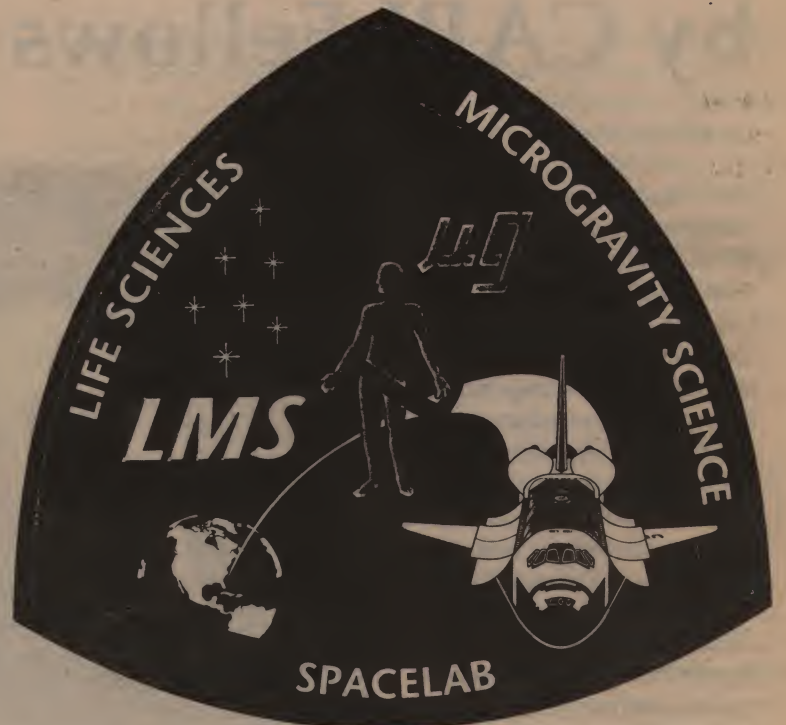
over a full year. On the expenditure side, one per cent of salaries and benefits equals just over \$1 million, while one per cent of all other

operating expenditures comes to a little under \$250,000.

The signals from government have been somewhat mixed in the past few months. While visiting campus in October, Finance Minister Cull termed post-secondary education "one of the best investments" government could make and pledged that education would be at or near the top of the government's list of priorities. If necessary, she said, less important things could be let go first. On the other hand, last July B.C. Minister of Skills, Training and Labour Dan Miller forecast "drastic reductions" to B.C.'s education programs as a result of the federal cuts to health, education and social service payments which are set to begin in 1996-97.

Safety Theatre premieres

Everyone is invited to the premiere performance of the UVic Safety Troupe, Jan. 17 from 12:30 to 1:30 p.m. in the University Centre foyer. A joint project of the UVic Safer Campuses Initiative Committee and the Department of Theatre, the Safety Troupe will present illuminating comedy skits on such serious campus safety issues as stalking, harassment and relationship violence. Campus safety Theatre is an MFA directing project of Ross Desprez and features a cast of five talented UVic theatre students.



Space research — on campus and in orbit

What does this snappy NASA space mission patch and the UVic crest have in common? They'll both be carried into space this summer by Canada's newest astronaut. Please see page 6. (By the way, LMS stands for Life and Microgravity Space Lab Mission.)



Strong strengthens ties in Asia

UVic President David Strong (here signing a development and training agreement with University of the Philippines President Emil Javier and Ramon Ereñeta of the Philippine Civil Service Commission) and a team of UVic representatives returned in December from a successful trip to Asia having concluded a number of partnership agreements with educational institutions in the region and lined up commitments for some co-operative ventures in the future. Story on page 7.

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Censorship of Indonesian theatre and cultural personæ of Chinese poets studied by CAPI Fellows

By ROBIE LISCOMB

The Centre for Asia-Pacific Initiatives has chosen Drs. Michael Bodden (Pacific & Asian Studies) and Kathryn Liscomb (History in Art) as 1996-97 CAPI Research Fellows. CAPI Fellowships support the completion or substantial completion of significant research projects in any field related to the Asia-Pacific region. They provide fellows with a partial release from teaching and administrative duties and with office space in the Centre. The first CAPI Research fellowship was awarded last year to Dr. Margot Wilson-Moore (Anthropology).

Bodden, a specialist in Indonesian culture and society, will work on a project on censorship and contemporary theatre in Indonesia.

"I'm interested in how art and culture are inserted into the larger processes of social debate," Bodden explains. His project will examine the political limitations of expression faced by a wide variety of Indonesian theatre groups—from urban, commercial mainstream productions to productions by workers' theatre and other politically committed troupes.

"Theatre in Indonesia has tended to become one outlet for political expression," says Bodden. "Some of the particularly sensitive issues and topics



Bodden (left) and Liscomb

addressed in plays include the presidential succession, land rights and forced evictions, labour disputes and parodies of identifiable senior government officials."

Censorship in Indonesia may involve the refusal of permission to produce a play or shutting down a production already being performed. Obtaining a permit from the local authorities to put on a play is often a lengthy and labyrinthine process.

Bodden has collected most of his material—play scripts, performance videos and stories from the public media covering issues of censorship and the banning of theatrical works—and will use his CAPI Fellowship to analyse his materials and write a substantial scholarly article on the subject that may develop into a book on theatre and politics in Southeast Asia.

Liscomb will use her CAPI Fellowship to complete a project

examining the role of the visual arts in the construction of the mythological personæ of several famous Chinese poets from 300 B.C. to 1100 A.D.

One of the figures Liscomb will be examining is that of the great Tang Dynasty poet Li Po (d. 762), whose position in China's literary pantheon is as secure as that of Shakespeare's position in English literature. So brilliant that he became known during his lifetime as the "Ban-

ished Immortal," Li Po has become a multifaceted cultural and religious icon over the centuries, celebrated as a great poet who moved in and out of imperial favour, an unconventional personality with a great capacity for wine, a Taoist immortal, and a water god and a god of wine in Chinese popular religion. He was represented visually in paintings and objects fashioned of jade, porcelain, silver, lacquer and ivory—objects available only to the elite—and he was portrayed in cheaper ceramics, folk prints, woodblock-illustrated books, rubbings from engraved stones and public murals and sculptures accessible to semiliterate and illiterate people. This variety of representations will enable Liscomb to explore a topic seldom touched upon by scholars of Chinese art: the appropriation of icons of elite culture by the illiterate masses and the extent to which different social status groups shared cultural practices.

Liscomb has already gathered much material for the project, including visual representations and related texts, and will use her CAPI Fellowship to translate and analyse these and begin work on a book.

Janet Erasmus and Brian Lamb join UVic Board of Governors

Two new members have been appointed to the University's Board of Governors. Janet Erasmus, a legislative counsel at the Ministry of the Attorney General and a UVic alumna, and Brian Lamb, an accounting/audit partner at KPMG Peat Marwick

Thorne and former head of the UVic Challenge business division sector, were both appointed to three year terms commencing in November.

Erasmus graduated from UVic with a BA in biology and English in 1972. She spent

several years teaching at the Nechako Valley Secondary School in Vanderhoof before returning to Vancouver Island in 1981 as a dancer and tour coordinator for Spectrum Dance Company. She was an oceanographic chemistry technician with Dobrocky Seatech Ltd. in Sidney for two years before returning to UVic to study law in 1983.

Erasmus won several scholarships and awards during her studies and following graduation in 1985 was a law clerk to judges of the Supreme Court of British Columbia and an articling student with the provincial Ministry of the Attorney General. As that Ministry's legislative counsel, she is responsible for drafting government bills for introduction in the Legislative Assembly. Earlier this year, Erasmus was also a participant in the Centre for Asia-Pacific Initiative's Canada-Vietnam legislation drafting and management program. She lists birding, underwater hockey and interminable home renovations among her other interests and activities.

Lamb received his Bachelor of Commerce degree from UBC in 1967 and became a CA in 1969. He has practiced in the Victoria office KPMG Peat Marwick Thorne and its predecessor firms for 25 years. Lamb was the partner in charge of the Victoria Commonwealth Games Society from its formation in 1987. He has also been auditor for various crown corporations such as B.C. Transit and the B.C. Transportation Financing Authority and not-for-profit

organizations like the Greater Victoria Visitors and Convention Bureau.

Lamb has served as a board member for Goodwill Enterprises for the Handicapped, the Cedar Lodge Society, and the Oak Bay Parks and Recreation Commission. He has also served as president of the Rotary Club of Oak Bay, the Victoria Entrepreneurial Club and is currently secretary of the Victoria City Rowing Club.

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—Emily Carr (1871-1945)
Hundreds and Thousands, 1937

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We did it! United Way campus campaign grand prize winners Prof. Chris Tollefson (Law) left, and Dr. Jeffrey Hall (Institute for Integrated Energy Systems) flank the UVic campaign thermometer that shot up past the 1995 campaign goal of \$100,000 this month. Late contributions to the campus campaign pushed our total into the six digits for the first time. Tollefson won a deluxe weekend at the Chateau Victoria and Hall won a Macintosh LC 580 computer in a prize draw held last month for individual donors to the campaign.

Dating can be dangerous, according to survey

BY PATTY PITTS

More than 15 per cent of 300 female UVic students who participated in a recent survey have been sexually assaulted during their time at the University and in almost every case, the women knew their assailants, the survey suggests.

The survey was conducted by the Date Rape and Dating Violence Education Project which operates out of the Women's Centre. The project's sexual aggression and violence in intimate relationships survey attempted to assess the prevalence of physical, emotional and sexual violence and aggression among students, especially those involved in intimate relationships. For the purposes of the survey, sexual assault was defined as any attempt or completion of unwanted sex.

The survey was funded by the University and the Ministry of Women's Equality. Input on the survey design and implementation was provided by the campus security committee's sub-committee on sexual assault and by Dr. Anne Marshall (Psychological Foundations) and Janet Sheppard of counselling services.

Both men and women were invited to complete the 10-page survey that included 33 categories of questions about harassment and emotional, physical and sexual abuse. The UVic students chosen to participate were picked at random and represent proportionately the enrolment of students in the various UVic faculties.

The results indicated that 18.3 per cent of female respondents had been sexually harassed, 90

per cent of them by someone they know and that 15.2 per cent of them were stalked by males. In 75 per cent of these cases, the stalker was known to the women.

Male students reported that 2.7 per cent of them had been sexually assaulted by females and that 10.8 per cent of male respondents had been harassed by females. In all cases the men knew their female assailants or harassers.

Students were asked if their partners had pressured them into having sex, had put them down in front of family and friends, had accused them of having affairs, made unwanted comments about their bodies or had abused them physically. The forms of physical abuse reported ranged from being threatened with a gun or a knife to being physically thrown, choked, kicked or slapped.

"Sadly enough, the results did not surprise us," says survey coordinator Chris Schmidt who has since graduated from UVic. "They were consistent with previous research conducted on Canadian university campuses.

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Report recommends steps to combat harassment on campus

Statistics and education measures cited in Shaw's report

BY TERESA MOORE

The Office for the Prevention of Discrimination and Harassment (OPDH), formerly the Anti-Harassment Office, has released its annual report for the period June 1994 to June 1995. The report, prepared by director Susan Shaw, reflects the complaint and educational responsibilities of the office.

The office received 107 complaints requesting informal resolution, conducted 200 informal consultations and formally investigated two complaints. The largest class of complaints were worksite or personal harassment based on abuse of power and/or threats and intimidation. The next largest group was discrimination based on sex including sexual harassment.

"The statistics on complaints reflect power/class or gender differentials with female students and staff as the most frequently named complainants and male faculty and staff as the most frequently named respondents," says Shaw, who has headed the office since 1994. The office has averaged approximately 300 complaints and consultations a year.

To educate the University community on issues of harass-

ment and discrimination Shaw held 25 formal workshops and offered a series of informal, small group sessions with faculty, students and staff. Two full-day pilot workshops on conflict management were delivered in co-operation with the Dispute Resolution Centre and there are plans to provide more of these workshops as well as sessions on specific issues like managing power differentials in the negotiation process.

A pamphlet on sexual harassment was distributed across campus and similar pamphlets on other types of harassment and discrimination are planned for this year. These will be available from Sedgewick C159. A resource centre with materials on discrimination and harassment was also opened for use by members of the University community.

Shaw's report recommended that:

- resources continue to be made available for training line administrators, students, staff and faculty in dealing safely and effectively with discrimination and harassment
- the President's Equal Rights and Opportunities Committee (ERO) review ways to make

advocates available to complainants and respondents in both formal and informal complaints

- the ERO, OPDH director and University Secretary review the *Freedom of Information and Protection of Privacy Act* in respect to operational and ethical issues relevant to the Office

- UVic's Faculty Association and the Administrative and Academic Professional Staff Association, now the Professional Employees Association, define procedures of accountability for unprofessional conduct in their negotiated agreements with the University

- the University of Victoria Students' Society and the Graduate Students Society define procedures of accountability for non-academic offences in the Calendar

- the Harassment Policy and Procedure include the word *discrimination*.

The report is now being distributed across campus. For additional copies or further information please contact Betty Cameron in the Office for the Prevention of Discrimination and Harassment at extension 8488.

Campus Security to provide safe haven and have higher profile with new building

Work has begun on the new Campus Security building adjacent to the BC Transit terminal on Finnerty Road. The contract for construction of the 400-plus-square-metre facility was awarded to G.N. Day and Sons, a local company, and site preparation began in late December.

Most of that research was conducted 10 years ago so it shows that nothing has changed very much."


Schmidt says the project plans to use the survey results in their ongoing education work to convince members of the university community that violence does occur on campus within intimate relationships.

The single-storey, wood-frame building was designed by Victoria architect Bas Smith, who also designed the Commonwealth Village cluster housing complex and Village 1 of the David and Dorothy Lam Family Student Housing complex. The Campus Security building will include architectural details relating it to the Lam complex.

The new facility will provide Campus Security with the potential for future expansion of its services and will give it a


more visible presence on campus. It will include a "safe haven" area available at all times to provide security for people waiting for the bus nearby. It will also include a combined staff/training room that can be used as an emergency operations and communications centre in the event of a major emergency, such as an earthquake.

Construction is expected to be completed in mid-May, with occupancy planned for June, 1996.



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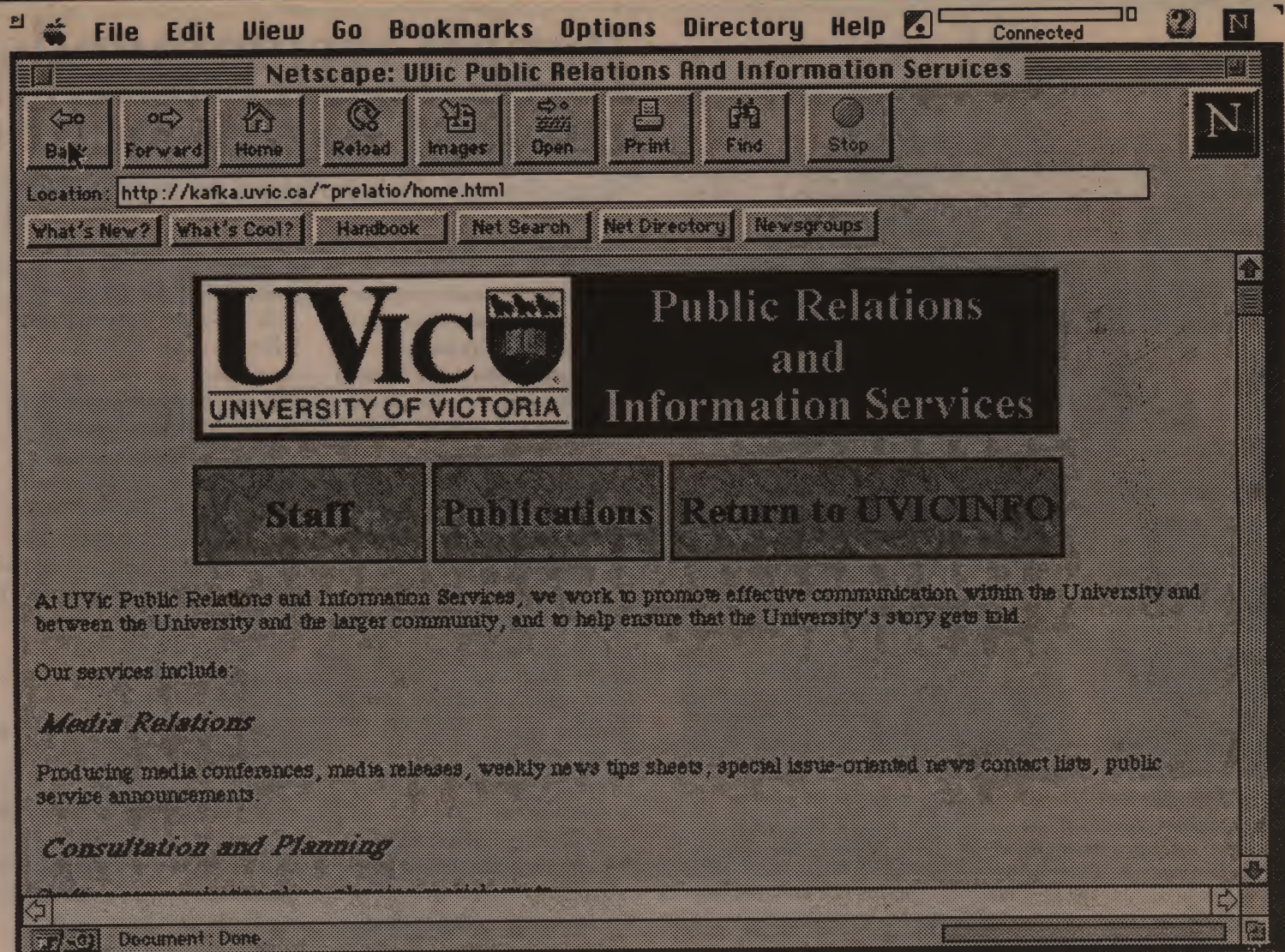


Bette Stevens

The campus community mourns the untimely loss of Elizabeth (Bette) Stevens, long-time print shop worker, and Cupe 951 member who died of cancer in December. Bette started at the university straight from school (1968) and grew with printing services through its many locations. She could do any job in the shop, including running the big presses, but her favourite work was in the bindery. Bette trained many employees—in and out of the shop. Across the campus, people learned from her how to get their printing done. She was a mine of information with a wealth of patience and kindness.

Away from work, Bette loved to garden and to sew. She was also a great traveller, and year-by-year added to a long list of far-away places visited with friends: Britain, Europe, the Far East. When in turn friends came to visit her in Canada, she would load up the car and head out to show them her Island and B.C.

Those hundreds of people who knew Bette over the years will long remember her steady gaze, her ready smile, her sense of fun. She was a happy person, at peace with herself and the world. We have lost a good friend.



What's new on UVic web sites?

The Ring will regularly feature particularly interesting or useful postings on UVic web servers. If you would like to suggest a site for us to feature, please email the url (universal resource locator, or web address) to rliscomb@uvvm.uvic.ca.

Public Relations & Information Services home page

(<http://kafka.uvic.ca/~prelatio/home.html>) includes electronic versions of many University publications produced by Public Relations, including:

- *The Ring* from June 1, 1995
- *The Torch* (UVic's alumni magazine) from spring 1995
- *The President's Annual Report*

- *The UVic Campus Map*
- *UVic Facts & Figures*
- *UVic Speakers Bureau* guide.

New issues of these publications will be added within a few days of their publication in paper form. An electronic version of the *UVic Expert's List* is under construction and will be posted

within the next month.

The PRIS home page may also be found by going to the UVic Info home page (<http://www.uvic.ca/>), selecting UVic Administrative Departments and Services, and selecting Public Relations and Information Services.

Committee works to improve computer access

BY TERESA MOORE

UVic needs to ensure that students have greater access to computers, says Dr. Richard Keeler (Physics & Astronomy), chair of the President's Advisory Committee on Computing Sciences.

The committee, formed at the request of President Dr. David Strong in 1994, works closely with CASS, the Computing and Systems Services department, to examine the rapidly changing role of computer technology on

campus and how the University can best keep pace with these changes. In particular, it is seeking ways to increase student access to computers. Recommendations made by the committee have resulted in a number of improvements, including the expansion of the Mac Lab with designated email computers and a major upgrade of the campus with fibre-optic cable linking buildings and individual offices.

The committee is also working to increase the number of dial-in lines available to off-campus users to ensure that email is universally available.

"There are now more than 5,000 students using email and almost 3,500 of them are using dial-in services," says Keeler. "Many students have their own computers and want to use the service from their homes. We need to make it easier for them to access." Almost 1,000 employees also have email accounts with 80 percent of them using dial-in services. The number of users is increasing monthly, putting a strain on the limited number of lines available and causing delays to off-campus users.

A new dial-in system was recently installed to minimize these delays. The service provides 15 minutes of free time per day. Additional time costs 90

cents per hour, one of the cheapest available on the Island. The hourly cost covers expenses only and is expected to decrease in the near future, says Keeler.

Improvements have also been made in the library with the creation of Gateway, a sophisticated collection of terminals to access the Internet that is free to students, faculty and staff.

While the University is increasingly aware of how students, faculty and staff depend on the computer for study, teaching, research and administration, keeping abreast of their changing needs is difficult.

"There are a myriad of ways computers are used and a myriad of groups using them," says Keeler. The committee recommends that each academic unit address teaching and administrative needs and each researcher look at his or her research needs. It also recommends that faculty be allowed to borrow up to two years ahead against their personal development allowance in order to purchase a computer.

"Computers are critical to our work here. They are the backbone of what's being done, but they become outdated very quickly and we don't have the money for replacement," says Keeler. "They are not treated as

consumable items. We buy them like a capital item, but they have a very short life span, like a consumable."

Keeler says that UVic has excellent computer services and will move even farther into the forefront with what he calls the very best backbone system available—the Ethernet. The Ethernet is currently available to some sites on campus and its use will be extended in the future.

Keeler says the next steps for the committee are to create a World Wide Web page for UVic which is as user-friendly as possible from a public information, teaching and research perspective, to continue upgrading the library computer, and to look at developing a relational database for the University in the long-term.

"I have been really impressed with the enthusiasm of the Committee and with the interest shown by CASS and the finance department in making this work," says Keeler.

The committee will continue to advise the President and make recommendations. Anyone interested in communicating with the committee should contact Richard Keeler at RKeeler@waix.uvic.ca. Committee minutes are recorded on UVICinfo under the University Secretary heading.

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CONFERENCES/NOTICES



Widely-published and internationally renowned feminist activist Dr. Maria Mies, author of *Patriarchy and Accumulation on a World Scale* and co-author of *Women: The Last Colony and Ecofeminism* will speak on "Liberating Women and Liberating Knowledge: Reflections on Two Decades of Feminist Action Research" in the upcoming Women's Scholar lecture on Jan. 18 at 8 p.m. in the Begbie Building, Room 159. Free and open to the public, the lecture is the 19th in the Women's Scholar Series. Mies will also speak, on Jan. 23, on *Ecofeminist Strategies and the Subsistence Perspective* at 8 p.m. in the Human and Social Development Building, Room A240.

Women will converge at Praxis/Nexus

An upcoming conference encourages feminist scholars, students and activists to examine the "nexus," or the place where theory and practice meet and combine to become successful strategies for change. "Praxis/Nexus," an international conference at UVic Jan. 18 to 20 in the Cadboro Commons Building, will provide a forum to discuss topics such as cultural context of violence against women, sex trades, rural development and feminist community organizing.

There is no fee for the conference but pre-registration is encouraged. Both keynote addresses are open to the public. German sociologist Dr. Maria Mies will discuss "Liberating Women and Liberating Knowledge: Reflections on Two Decades of Feminist Action Research," at 8 p.m. on Jan. 18 in Begbie Room 159 and Indian environmental studies scholar Dr. Vandana Shiva will discuss "Women, Ecology and Economic Globalization" at 8 p.m. on Jan. 19 in the David Lam Auditorium (MacLaurin 144).

Mies' research includes the women's movement in the international division of labour and a feminist critique of science and technology, particularly in the area of genetic and reproductive engineering.

Throughout the conference, panels and roundtable discussion groups of participants from Canadian and international universities, development agencies and activist organizations will examine a wide range of material. Points of view from developing nations will be presented side-by-side with those of North American participants.

The conference's sponsors include the Wenner-Gren Foundation of New York in addition to UVic's Humanities Centre, Faculties of Law, Humanities, and Social Sciences, Department of Women's Studies, Centre for Sustainable Regional Development, Office of the President, Graduate Students Society and the Women's Centre.

For further information about the conference call Prof. Margot Young (Law) at 721-8175.

Protect your bike—get it engraved

In order to help prevent bicycle theft, UVic Campus Security Services will offer free bicycle engraving Jan. 16 from 10 a.m. to 2 p.m. in the University Centre breezeway and on Jan. 24 from 10 a.m. to 2 p.m. in front of the Housing office. Bring your bicycle and driver's license (if any), and Campus Security officers will engrave the number onto the bicycle frame, so that the number can be used to trace recovered bicycles and return them to their owners.

Lam lecturer to examine post-Deng China

Dr. Susan Shirk, Director of the Institute on Global Conflict and Co-operation at the University of California San Diego Graduate School of International Relations and Pacific Studies will deliver this year's Dorothy and David Lam Lecture on "Competition for Power and the Challenges of Reform in Post-Deng China" Feb. 1 at 7:30 p.m. in Begbie 159. Her lecture will examine how the competition for leadership succession affects China's ability to address such challenges as relations between the central government and the provinces, the inefficiency of state enterprises, and corruption.

Shirk's 1993 book *Political Logic of Economic Reform in China* received high praise for its elaboration of why reform succeeded in China while failing in Russia. Her most recent book is *The Political Success of the PRC's Foreign Trade and Investment Reforms*.

The Lam Lectures are organized by UVic's Centre for Asia-Pacific Initiatives.

From Saturna Island to the World Wide Web, newly-funded teaching projects bring innovation to the classroom

The first projects have been chosen for funding through the UVic fund for innovative teaching. A selection committee, chaired by Director of the Learning & Teaching Centre Dr. Andy Farquharson, has chosen 10 projects to receive a total of \$25,319 out of a field of 59 proposals. Funding for the grants is made available through the office of the Vice-President Academic and Provost.

The successful applications were:

- UVic Libraries: \$5,000 to develop a self-directed, interactive, systematic learning module to introduce students to electronic library research using the Libraries' new Gateway to Internet resources.
- Dr. J. Douglas Porteous (Geography): \$2,000 for a baseline assay of the aesthetic resources of Saturna Island

(landscapes and views), as a new course to be taught in the autumn of 1996 and as a contribution to the development of the Saturna Island Official Community Plan.

- Dr. Brock Smith (Business) and Judy Somers (Continuing Studies): \$3,800 for a multimedia case study in business using video, sound, graphics, and text to be made available worldwide over the Internet.
- Dr. A. Claire Cutler (Political Science): \$2,000 for a large-scale simulation of the U.N. General Assembly and Security Council. The simulation exercise will involve 50 students each semester in a course in international law and international organization.
- Dr. Mary-Wynne Ashford (Education): \$850 for an electronic conference to build a network of teachers committed to excellence in social studies

teaching.

- Dr. Rodney Symington (Germanic Studies): \$2,747 for a series of multimedia programs to provide historical and cultural background material about Nazism and the Holocaust.
- Dr. Colin Bradley (Mechanical Engineering): \$2,400 for engineering students at UVic, UBC, SFU, and BCIT to collaborate on a project to generate stress and temperature contours of a telecommunications device produced by Seastar Optics, a local company.
- Dr. David Berry (Chemistry): \$2,700 to develop a new cross-discipline experiment, for first-year students, in chemical analysis of pigments in a painting.
- Dr. Peter Dreissen (Electrical & Computer Engineering): \$2,822 for setting up a low-earth-orbit satellite or shortwave telecommunications system for teaching students how such systems work and how their performance relates to mathematics.
- Dr. Michael Levy (Computer Science): \$1,000 for developing small, interactive "courselets" on applied logic for distribution on the World Wide Web.

All campus women invited to network at caucus meeting

The Umbrella Women's Caucus, an informal network open to all women working on campus, is meeting on Jan. 16 at noon to 1 p.m. in the McPherson Library, Room 403. For further information, please contact Morag at 6142 or Judith at 6143.

MARK YOUR CALENDARS NOW!

JANUARY

du Maurier PrimeTime CLASSICS

- 13 Sat 8:00 UVic Dennis Simons, Guest Conductor
14 Sun 2:30 Centre Jennifer Smyth, Flute
RAVEL: *Le Tombeau de Couperin*
IBERT: *Flute Concerto*
MERCURE: *Divertissement*
HAYDN: *Symphony # 86*

MASTERWORKS

- 21 Sun 2:30 Royal Peter McCoppin, Conductor
22 Mon 8:00 Theatre Michael Ijae Kim, Piano
LOUIE: *Songs of Paradise*
RAVEL: *Piano Cto. in G*
FAURE: *Pavane*
STRAVINSKY: *Firebird Suite*

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- 25 Thu 2:00 Royal "Symphony Goes Wild West"
26 Fri 8:00 Theatre Brian Jackson, Conductor & Host
27 Sat 8:00 *Wild West Hits from Hollywood*

CONCERTS FOR KIDS

- 28 Sun 2:00 Royal "Go West with the Kids"
& 3:30 Theatre Brian Jackson, Conductor & Host

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VICTORIA SYMPHONY



CLASSICS 4

Sat Jan 13 8:00
Sun Jan 14 2:30
UVic Centre

Space shuttle will carry mechanical engineering adjunct prof into orbit

Robert Thirsk will be the next Canadian astronaut in space

BY PATTY PITTS

A little bit of UVic will be orbiting the Earth next summer when Dr. Robert Thirsk becomes the next Canadian to go into space. Thirsk will be carrying a UVic crest with him aboard the space shuttle, symbolic of a year spent on campus studying Russian and pursuing his research as an adjunct professor of mechanical engineering.

The road to the launch pad requires extraordinary skills, immense self-discipline and tremendous patience. After being the back-up astronaut in 1984 to Marc Garneau, the first Canadian to go into space, Thirsk remained in the space program and watched while three other Canadians, Roberta Bondar, Steve MacLean, and Chris Hadfield, preceded him to Cape Canaveral.

Then, last spring, he learned he would get to realize his dream.

"I'm scheduled to fly aboard the space shuttle on June 27," said Thirsk on a brief pre-Christmas visit to UVic from Houston, Texas where he and his family live while he trains for his mission. "My professional goal is to perform all my in-orbit duties with excellence and my personal goal is to experience the thrill of flying and floating in space."

While all that floating and flying is the epitome of space travel, it takes a severe toll on the astronauts' bodies and is the focus of much pre-, post-, and on-flight research. Thirsk would like to develop an anti-gravity suit to help astronauts decrease the effects of weightlessness on their cardio-vascular systems. He hopes his research at UVic will take him closer to his goal.

Last year, Thirsk took a 12-month sabbatical from the space

program to update the clinical skills he had put on hold while in astronaut training and to study Russian, in case the next space mission took him to the space station Mir. Since his parents live on Vancouver Island, Thirsk relocated his wife and two children from Ottawa to Victoria while he pursued his studies. He brushed up on his medical skills at Victoria General and Royal Jubilee Hospitals, studied with the University's Department of Slavonic Studies and conducted research with the Department of Mechanical Engineering on the effects of space travel on astronauts' cardiovascular systems.

Engineering students under the direction of Thirsk and Dr. Ged McLean (Mechanical Engineering) developed equipment and procedures for an experiment called measurement of venous compliance (MVC). This experiment is designed to investigate how veins, muscles and blood flow in the legs of astronauts adapt to a weightless environment. Typically, blood in the legs is redistributed toward the chest and head during spaceflight while leg muscles

atrophy. When the flight is over, it may take astronauts two to three days to regain complete use of their legs and to lose the lingering feeling of lightheadedness.

MVC experimentation helps simulate weightless conditions for pre-flight research. Ultimately, it might be performed during shuttle flights to help astronauts maintain adequate blood volume in their legs during re-entry to Earth. The students also developed software aimed at instructing a laptop-toting, free-floating astronaut how to conduct the experiment. The shift from hard copy instruction books to a floppy disc is both pragmatic and timely.



"Mass and volume are two precious commodities on the space shuttle," said Thirsk. "It costs \$50,000 for every kilogram of cargo we carry. So if you can reduce a lot of paper to a floppy disc and combine that with the power of a computer, it's the way to go."

Throughout the summer, students did their best to feign weightlessness while reading instructions on their computers to

take various pieces of equipment out of a box and hold them in place with velcro until needed for an experiment.

"The UVic students had success with the computer program, but they had difficulty manipulating the MVC equipment so that aspect of the research is continuing," said Thirsk. "We're discussing a better way to develop the equipment. The collaboration will go on until June."

Since being named as Canada's newest astronaut, Thirsk admits he schedules his life in hour-long segments ("Aboard the space shuttle our schedule is broken down into five-minute segments.") In

Houston, he is learning about the 22 experiments he'll be doing during his 16-day flight.

His fellow shuttle crew members are American and French, while the back-up crew members are Italian and Spanish—evidence of the international spirit that now exists at Houston.

"Technically, the training hasn't changed much since I was there last time," said Thirsk, "but the attitude at NASA has changed 180 degrees. The shuttle was solely a NASA program in the early 1980s. There wasn't as much regard for international space participation as we would have liked. Today NASA runs a very international program and one hears lots of different languages spoken at Houston now."

Thirsk hopes to conduct conversations with school children during his space flight and will join with other crew members in answering questions sent to them via the World Wide Web and passed along by NASA.

"I want to involve Canadians as much as possible in the flight. For instance, the Canadian Space Agency is inviting students to submit possible experiments that I can perform in space."

But, in spite of the intense collaborative effort required to send a crew into space and keep them there for 16 days, Thirsk knows that the most memorable aspect of space travel will be a very personal one.

"The biggest joy will be looking out the window at Earth and imagining that the shuttle isn't there, that it's just me flying through space."

Bavelas to question age-old assumptions about body language

BY PATTY PITTS

Ever since she was a child, Dr. Janet Bavelas (Psychology) has been a people-watcher. When people talk, she both listens and watches. A long-time disbeliever that so-called body language is separate and distinct from verbal communication, Bavelas plans to challenge conventional thinking in the next Provost's UVic Faculty Series presentation "Debunking 'Body Language': New Research on Non-Verbal Communication" at 8 p.m. Jan. 16 in Human and Social Development A240. The lecture is free and open to the public.

"I'm thinking of offering a reward to anyone who can find

scientific evidence that there's a standard hidden meaning for gestures and movements," says Bavelas, clearly confident she's unlikely to make a payout at the end of the evening. "One reason these beliefs persist is because we all want to have an inside track on what's happening with people. It's very appealing to think we have a secret advantage."

Bavelas, who has studied human communication for 30 years and was recently elected a Fellow of the Royal Society of Canada, thinks the belief that body language is separate from spoken communication stems

from age-old assumptions.

"The mind is seen to be rational, controlled and verbal whereas the body is seen as irrational, emotional and non-verbal," says Bavelas. "We assume that communication using the body is separate, darker and more emotive; that it reveals what we'd prefer not to reveal."

"We should abandon that notion, that unsupported perception of a dark side."

Bavelas contends that human communication is an integrated package of words, gestures and facial expressions which recipients naturally absorb all at

the same time rather than trying to listen to the words and guess the hidden meaning behind the gestures.

"In a sense, the body language notion is an error introduced and perpetuated by experts," she says, "such as claiming that people who sit with their arms crossed are closed or defensive. Common sense suggests, quite appropriately, that there are many other reasons people cross their arms."

"The evidence is that in natural dialogue our facial and hand gestures work closely with our words to convey what we want to say. One obvious

evidence of this is their synchrony. For example, we move our eyebrows to stress a particular word or phrase, and our hand gestures are precisely synchronized with the words they illustrate. That's why dubbed movies are odd to watch; the words and the movements are out of sync.

"Close examination of nonverbal acts reveals people's wonderfully precise and complex skills at communication, rather than a lack of control that gives them away," says Bavelas, who will illustrate her points with videos that closely examine nonverbal communication.

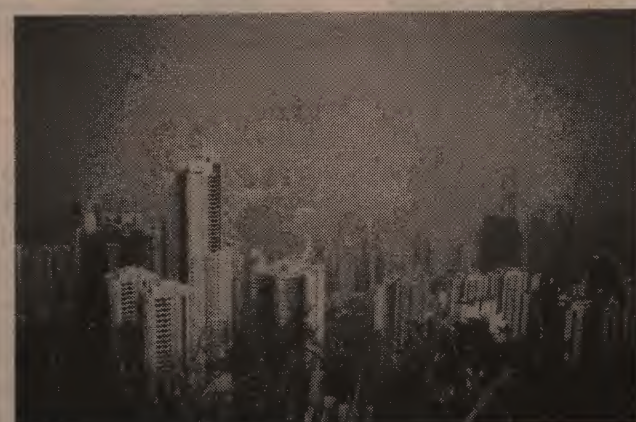
Report from the late fall trip of UVic representatives to southeast Asia



The trip resulted in the signing of several partnership agreements between UVic and Asian universities including one with National Sun Yat-Sen University in Taiwan. The agreement was signed by UVic President David Strong and Sun Yat-Sen President Dr. Chi-Yuan Lin. Other UVic members participating in the ceremony, from left to right, were MBA student Andrew Work, Dr. Peter Liddell (Computer-Assisted Language Lab), Dr. Dale Beckman (Business), Prof. Ted McDorman (Law), Prof. Bill Neilson (Centre for Asia-Pacific Initiatives), business student Jennifer Daniel, Dr. Jim McRae (Public Administration), and business students Theresa Mac and Erma Stanonik.



A stop in Hong Kong (above and below) was among the destinations on the group's rapidly-paced itinerary.



Groundwork being laid for long-term educational commitments in Asia

A team of UVic representatives has taken full advantage of the opportunity presented by the Fourth Canada-Taiwan Higher Education Conference in Kaohsiung, Taiwan in December to solidify and expand the University's growing influence in the region.

The group, led by UVic President Dr. David Strong, combined its participation in the conference with a

five-destination swing through Southeast Asia to meet with senior government officials, academic decision-makers, and business representatives in Hong Kong, Macau, the People's Republic of China, the Philippines and Taiwan. The group returned last month having signed partnership agreements with two universities, reached agreements in principle with four other institutions, expanded the scope of existing agreements with two more universities, begun discussions on

agreements with two others, laid the foundations for UVic alumni branches in Beijing, Hong Kong and Shanghai, signed a program development and training agreement in the Philippines and received funding commitments toward a major international conference to be

hosted by UVic and a new multi-year exchange program with Canadian universities that would be administered by UVic.

"UVic is clearly being recognized throughout Asia as one of Canada's leading universities, and one with which many people and institutions want to be associated," says Strong.

The annual conference is held to foster closer ties between Canadian and Taiwanese universities, with a particular emphasis on encouraging joint research, and academic and cultural exchanges. The theme for the 1995 conference was "Canada-Taiwan Relations at the Turn of the Century." The third conference had been hosted by UVic at Dunsmuir Lodge in March 1994.

Strong headed up the Canadian delegation as well as the UVic contingent. Prof. Bill Neilson, Director of

UVic's Centre for Asia-Pacific Initiatives, reported on the results of the Dunsmuir Conference and took part on the panel on regional development. Dr. Dale Beckman (Business) and Dr. Jim McRae (Public Administration) were panelists on business and management education and

economic development while Prof. Ted McDorman (Law) presented the Canadian lead paper and chaired the marine sciences and technology panel and Dr. Peter Liddell (Computer-Assisted Language Lab) did the same for the session on the information super highway. Travel and accommodation costs for the participants were paid by the conference hosts. Some of the group accompanied Strong on the other legs of the trip.

UVic Board of Governors member Brian Lo, born in Macau and a veteran of several Asian missions with B.C. Premier Mike Harcourt, was instrumental in facilitating the Hong Kong, Macau, and Chinese meetings. Associate Vice President Academic Dr. John Schofield, who is responsible for UVic's international relations, joined Strong in Hong Kong, and visited educational institutions in Beijing, Dongguan, Shanghai and Shenzhen in the People's Republic of China to discuss student co-op placements, exchange opportunities and the delivery of UVic programs overseas.

Agreements for academic co-operation and exchange were signed with National Taiwan University and National Sun Yat-Sen University in Taiwan. These provide for student and faculty exchanges as well as joint research projects and conferences to be co-ordinated between the institutions.

In the Philippines, Strong and McRae inked a CIDA-funded program development and training agreement between UVic's School of Public Administration, the University of the Philippines and the

Philippines' Civil Service Commission and Career Executive Service Office (CESO), that will see the development of a distance education Master's degree program in Public Administration and the training of CESO staff to develop and deliver continuing professional education courses in a distance format.

Partnership agreements were also reached in principle with the University of Hong Kong and Hong Kong Baptist University and an existing agreement with Chinese University of Hong Kong will now be expanded beyond its present focus on the Faculty of Business.

Agreements in principle were also reached with Wuyi University and the

Dongguan Institute of Technology in Guangdong, China and the existing agreement with East China Normal University in Shanghai will be expanded beyond the current arrangements with the Faculty of Education.

Discussions regarding co-operation and the future delivery of programs were also begun with the University of Science, Technology and Management in Beijing and the Shanghai

University of Engineering and Science, as well as with institutions and individuals in other countries.

The details of the commitments for the international conference and the multi-year exchange program will be announced in the near future.



While in Taiwan, UVic President Dr. David Strong, on behalf of the Board of Governors conferred the title of "Honorary Patron of the University of Victoria" on Taiwanese entrepreneur and academic Dr. Chen-Fu Koo (above), in recognition of his friendship and support for UVic. Koo, a UVic honorary graduate, is the first recipient of the title which is reserved for "persons of great distinction...who are held in high esteem in their country." The ceremony was held in the official residence of Hugh Stephens, Director of the Canadian Trade Office of Taiwan, in front of senior members of the Taiwanese business community, Canadian business representatives, and members of Koo's family.



Meetings included business representatives such as longtime UVic friend Henry Y.W. Fong of the Hip Shing Hong group of companies (right) in Hong Kong. UVic Board of Governors member Brian Lo (left) was instrumental in facilitating the Hong Kong, Macau, and Chinese meetings.

Critical Incidents video took prof to Botswana

By ROBIE LISCOMB

Dr. Andy Farquharson (Social Work), Director of the UVic Learning and Teaching Centre, spent two weeks in early October at the University of Botswana. He was invited by that southern African university's Higher Education Development Unit (HEDU) to present a series of workshops on learning and teaching in postsecondary education.

HEDU, funded by the Canadian International Development Agency (CIDA), is their equivalent

presenting four three-and-one-half-hour workshops. The main cultural difference he noticed was the tendency of students to ask very lengthy and thoughtful questions in class, which was explained as an aspect of the strong oral culture of Botswanans.

In general, though, Farquharson found remarkable similarities of concern shared by UVic and this southern African university of 8,000 students. "My visit underscored for me again how strange it is that we expect people who teach to be trained in teaching except at the university level," says Farquharson.

Farquharson's invitation to the University of Botswana resulted from that institution's use of the UVic Learning and Teaching Centre's *Critical Incidents* videotape and guidebook, which has been sold in 11 countries around the world.

"When we started the *Critical Incidents* series, we envisioned it being used perhaps as far afield as UBC or SFU," says Farquharson. "Its success in terms of sales has been due to the entrepreneurial acumen of Barbara Judson," who is program co-ordinator of the Learning and Teaching Centre. A second videotape and guidebook, *Critical Incidents—Close Encounters of the Academic Kind*, has been produced, and Farquharson is about to launch into production of the third in the series.

"My visit underscored for me again how strange it is that we expect people who teach to be trained in teaching except at the university level."

lent to UVic's Learning and Teaching Centre, and, according to the impressions Farquharson gained during his visit, the learning and teaching issues faced by both institutions are remarkably similar.

"I was struck by the similarities," says Farquharson. "They, like us, are interested in issues of teaching larger classes, learning styles, grading, gender, and accommodating students with disabilities, for example."

While there, Farquharson sat in on several classes before

FOCUS ON FUNGUS

SPECIAL TO THE RING
By KENNETH HOWES

Something rotten is happening down there in the moist, pulpy humus—decomposition. The rendering of the season's bounty into bite-sized chunks of biomass is the biggest recycling business around. You might think of it as a microscopic version of a holiday feast. But who, you ask, is on the guest list.

One of the significant participants are the broad and diverse members of the Kingdom Fungi. A walk across the university commons will reveal some of the "faces," or fruiting bodies, belonging to those most mysterious and misunderstood organisms known as mushrooms.

In the days and weeks between late August and the middle of November when a sufficient rainfall beckons the mycelium, forests, parkways, and even backyards of North America erupt with bold displays of mushrooms. This is the only time we really get a chance to recognize their incredible adaptation to and role within the ecosystem.

Mycelium are fine thread-like fibres that spread out under the ground. Unlike green plants, fungi cannot produce their own food; they must obtain sustenance through the consumption of dead organic material. The mushroom is the ostensible reproductive manifestation of mycelium. When a mushroom appears it quickly matures and fulfills its role in the production and dispersal of spores. The manner in which a particular mushroom produces its spores constitutes one of the distinctions in the classification process.

For mushroom enthusiasts—yes, we really do exist—the Pacific Northwest offers the proverbial Utopia. In our wet, temperate climate we enjoy one of the most extensive growing environments for hundreds of species of mushrooms. On my way to the Cornett building a large fairy ring of small, tawny-brown mushrooms caught my eye as I negotiated around the

died from ingesting the deadly *Amanita pantherina*. For the amateur mycologist, a humble respect for mushrooms is essential. There are, however, some species of edible mushrooms that, with a bit of practice can be easily identified.

Once you recognize the shaggy manes (*Coprinus comatus*) growing on your neighbour's lawn, or the stately *Agaricus crocodilinus* that have appeared in the bark mulch under your rhododendron bush, then the real fun begins. You would be surprised how often people, be they strolling across campus, or hiking the hills of East Sooke, stop to admire and wonder at the strange and beautiful organisms



Shaggy manes are among the easily-identified edible mushrooms.

that pop out of nowhere. If nothing else, this article should serve to foster at least a less supercilious attitude towards mushrooms than a passing glance, and maybe inspire some real interest. If I have been at all successful, then a few of you will come to realize what some of us already know: Fungi are the stuff of folklore and mystery. They're also a great reason to slip on a heavy sweater and venture out to the woods this weekend.

Happy foraging!

The Native Vegetation Committee meets each Thursday at 1 p.m. in SUB 137a. If you're interested in mushrooms or anything else that grows locally, drop on by.



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GAZETTE

The following promotion approved by the Board of Governors was inadvertently omitted from previous Gazettes:

Promotion:

Dr. Paul F. Thomas (Faculty of Education, Department of Social and Natural Sciences) has been appointed to the rank of Professor, effective July 1, 1995.

“Your Early Morning Swim” USE IT OR LOSE IT!

Trial Period
Only!

450 OF YOU ASKED...
NOW WE'VE ANSWERED

Early morning swims at McKinnon Pool
Beginning January 9, 1996 to February 23, 1996
Tuesdays and Thursdays
7:30am to 8:30am

McKINNON BUILDING (McK)

Facilities:

Swimming Pool Apparatus Gym
Dance Studio Gymnasium
Squash Courts Weight Room
Tennis Courts (Outdoor)
Locker rental and towel service available
for a nominal fee at equipment desk.

Access Hours: Effective Jan. 8 - April 4, 1996

Mon. - Fri. 8:00am-8:30pm.

Sat/ Sun/ Holidays 12:00pm-5:00pm

Access Hours: Effective April 5 - April 26, 1996

Mon - Fri 8:00am-10:00pm Sat- 8:00am - 10:00pm

Sun- 12:00pm-5:00pm

UVIC GORDON HEAD COMPLEX (GHC)

Effective: Jan. 8 - Apr. 26, 1996

Courts: Badminton Raquetball
 Squash Tennis
Facilities: Gymnasium Ice Arena
 Weight Room Dance Studio

Locker rental and towel service available for a
nominal fee at front desk.

Access Hours: Mon. - Fri. 7:30am - 11:00pm

Sat./Sun./Holidays - 10:00am - 8:30pm

FITNESS CLASSES

GHC THEATRE DANCE CENTRE

Effective Monday, January 8, 1996

Tues/Thurs	10:00am-11:00am	Get Up & Step
Mon-Fri	12:30pm-1:30pm	Step It Up
Mon-Fri	4:45pm-5:45pm	Step It Up
Tues/Thurs	6:00pm-7:00pm	Cardio Step
Mon/Wed	8:00pm-9:00pm	Step & Stretch
Monday	6:00pm-7:00pm	Step Circuit
Saturday	10:15am-11:15am	Step
Saturday	11:20am-12:30pm	New Steppers
Sunday	2:30pm-4:00pm	The Total Step
Sunday	11:20am-12:30pm	Step Circuit

*The class limit for all STEP classes in the Dance Studio at the GHC is 40; please arrive early to ensure your spot.

*The limit for all other classes is 55.

McK DANCE STUDIO

Effective: Monday, January 8, 1996

*Mon/Wed/Fri	11:30am-12:20pm	Free Mild
*Tues/Thurs	12:30pm-1:20pm	S/F Step
Tues/Thurs	4:50pm-5:50pm	Hi/Lo Combo
Mon/Wed	6:00pm-7:00pm	Intense Fitness
*Mon/Wed/Fri	4:50pm-5:50pm	S/F Step
Mon/Wed/Fri	3:30pm-4:30pm	PM Workout
Saturday	4:00pm-5:50pm	Intense Fitness

*Free to all students, staff, and faculty

*Free to all staff and faculty with valid Rec Plus membership.

Students may attend using punch card or day pass if space is still available.

McKinnon Building Pool

Pool Hours: January 8 to April 4, 1996

Monday-Friday

Lane Swim	11:30am-1:30pm
Family Swim	2:30pm-3:30pm
Recreational Swim	3:30pm-6:00pm**

Mon. & Wed.

Recreational Swim	9:30pm-10:30pm
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Sat./ Sun./Holidays

Family Swim	1:00pm-2:00pm
Recreational Swim	2:00pm-4:00pm

Pool Hours: Friday, April 6 to Friday, April 26, 1996

Monday - Friday

Lane Swim	11:30am-1:30pm
Family Swim	3:30pm-4:30pm
Recreational Swim	4:30pm-6:00pm**
Recreational Swim	8:30pm-9:30pm

Saturday-Sunday

Family Swim	1:00pm-2:00pm
Recreational Swim	2:00pm-4:00pm

**Shared Pool Time between 5:30pm and 6:00pm M, T, Th, Fri
and between 5:00pm and 6:00pm Wed.

McKinnon Pool Fitness Classes

Aqua Fit Classes	Tues./Thurs.	4:35pm-5:30pm
Hydra Fit Classes	Mon./Wed./Fri.	4:35pm-5:30pm
	Mon./Wed./Fri.	12:10pm-12:50pm

\$3.75 per class or 20 classes for \$40.00



UNIVERSITY OF VICTORIA



UNIVERSITY OF VICTORIA

LETTERS

Thanks to UVic UW contributors

To All Members of the University Community:

On behalf of the United Way and, in particular, the organizing committee of the University of Victoria, I would like to express our sincere appreciation and gratitude for your generosity in contributing to the on-campus campaign. Thanks to your efforts, the University of Victoria has been able to contribute \$100,000 to the Greater Victoria United Way Campaign. This is a major accomplishment and represents a 20 per cent increase over last year's goal.

The goal for UVic last year was \$80,000. To reach six digit figures is indeed a major accomplishment! The individual pledges, special events and casual Fridays have made it possible for our University to make a significant donation to the greater community. Because of our combined initiatives, a significant number of those requiring some type of help in our community will benefit.

Congratulations and thank you for a job well done!

Yours truly,
Jim Griffith, Chair
 UVic United Way Campaign

The word on campus: down with leaf blowers

The Editor:

I recently wrote to *The Ring* objecting to the noise and fumes of leaf blowers. I suggested that their use on campus be banned, and promised to communicate a summary of any comments, for or against, sent to me.

As well as numerous verbal expressions of agreement, I received written comments from 23 people. One person "would only support the demise of leaf blowers if it would create more jobs," the other 22 were opposed to their use. To quote, these "infernal machines" are "the bane of our existence in Victoria" and "a step backwards in our quality of life." The fumes are "extremely disgusting" and the inside of the University Centre at 7:30 a.m. "smells like someone has left the car exhaust running." As for the noise, which is "grossly inconsiderate in the extreme," "the operator has to wear hearing protection, but those who are unwilling recipients of the noise have no choice."

The effect on UVic operations is significant; for "video and audio production for distance courses...it's impossible to tape confidently on campus," and "I hate trying to lecture when they are outside the window." These and other impacts "represent real losses, but they don't show up in the grounds department's budget."

The use of leaf blowers, and "even noisier...leaf sweepers," is "one of many problems that continue to occur at this university," in fact, "it's ridiculous that a "progressive" university...would be so environmentally unconscious!" Thus the leaf blowers are "objectionable on several grounds, including those of the university," and "not very efficient" anyway.

Alternatives suggested include rakes, "noiseless leaf-sweepers...that can be pushed around," "allowing the wind to pile leaves up," and "(heresy!) what if we just ignored the fallen leaves?"

What should UVic do with its leaf blowers after discontinuing their use on campus? "Let's hope they don't sell them off to someone else."

Yours sincerely,
Chris Garrett

What's that smell?

The Editor,

I apologise to all for the delicious and succulent smells that I will create this term in Cornett, though I doubt that the inhabitants of that maze will find them so. You might well ask why are chemistry lectures being given in Cornett, when Elliott has lecture rooms equipped with fume removal ducts. I cannot answer that but perhaps the gods on high e.g. Don Rowlett, Vice-President Operations, purveyor of fine lecture rooms (e-mail: drowlett@uvvm) or Cled Thomas, Administrative Registrar, captain in charge of all the schedulers (e-mail: treboeth@uvvm) can! I am sure the philosophers (e.g. Phil 331) will enjoy Elliott while I enjoy Cornett.

Reg Mitchell
 Chemistry

BRITISH COLUMBIA LEGISLATIVE INTERNSHIP PROGRAM

PURPOSE	To provide recent university graduates with an interest in public affairs, an opportunity to supplement their academic insights of the legislative process with practical legislative and administrative experience.
WHO IS ELIGIBLE	Students who have received a degree from a British Columbia University by the program commencement date.
HOW MANY	Seven interns will be selected for the 1997 program.
LOCATION	Parliament Buildings, Victoria, British Columbia.
WHEN	January through June, 1997.
STIPEND	\$10,500 for 6 months (under review).
APPLICATION DEADLINE	4 p.m., Friday, January 19, 1996.
HOW TO APPLY	Program applications are available from the Political Science Departments, and the Student Employment Centres on Campus, at the University of Victoria, Simon Fraser University, and the University of British Columbia. They are also available from the Assembly Services Office located at 431 Menzies Street, Victoria, British Columbia V8V 1X4.

OUR LETTERS POLICY

The Ring welcomes letters to the editor on issues of direct concern to the University community. Letters for publication must be signed by the author and should not exceed 600 words. *The Ring* editor reserves the right to edit for length and libellous content.

Opinions expressed in letters are the author's and do not necessarily reflect the views of the University administration or *The Ring* editorial staff.

Submissions must be received at least one week in advance of publication. Write to *The Ring* at Public Relations and Information Services, P.O. Box 3060, Victoria B.C. V8W 3R4. Or, fax your contribution to 721-8955. The editor's telephone number is 721-7641 or 721-6246.

Parent to speak at UVic

The Speaker of Canada's House of Commons, the Honourable Gilbert Parent, will speak about public life and political leadership at an informal public meeting at 12:30 p.m. on Jan. 23 in Begbie Building Room 159.

Parent was elected Speaker on Jan. 17, 1994. He is only the second Speaker in history to be chosen by a secret ballot cast by his fellow Members of the House of Commons. He was a secondary school educator and administrator in Welland and St. Catharines, Ontario before being elected to the House of Commons in 1974. He was re-elected in 1979 and 1980 for the federal riding of Welland and was elected in 1988 and 1993 to represent the riding of Welland-St. Catharines-Thorold.

RINGERS

UVic doctoral student **Greg Stuart** (Centre for Environmental Health) has received a travel scholarship from the National Cancer Institute in Japan to study the mutations of mice in different tissues as well as the effects of diet, aging and sex. The goal of this work is to better understand how the development of cancer in rodents relates to risk in humans. He is spending January and most of February in Tokyo. Stuart also received a three-year graduate scholarship from the Cancer Research Society Inc. in Montreal. This prestigious award—one of only two given each year—will support his work on the effects of aging and diet on cancer and mutation.

Two UVic students have won the Imasco Scholarship for Disabled Students. **Elizabeth Rotenburger**, a third year bachelor of fine arts student from Victoria and **David Renaud**, a first year arts and science student from Scarborough, Ontario each received a \$2,000 scholarship from Imasco Ltd. The company has been awarding scholarships to disabled students for the last 14 years and has awarded 221 scholarships to 133 Canadian students. Sixteen students received scholarships this year. Scholarships are awarded on the basis of academic background, motivation, maturity and the extent of the disability.

Dr. Howard Brunt has taken over as acting director of the School of Nursing for a six month period. **Dr. Anita Moltzahn**, former director, is on sabbatical. A new director will be appointed in June.

Dr. Comelia Bohne (Chemistry) has received the International Union of Pure and Applied Chemistry Travel Award for 1996. The award, one of only five nationally, is made to assist a younger scientist in presenting his or her research to an international audience. Bohne will present a paper at the 16th Symposium on Photochemistry in Helsinki, Finland in July.

CLASSIFIEDS

Classified ad rates will be \$10 for up to 25 words and \$.50 for each additional word. Ads will not be accepted by phone and must be delivered in writing, with cash payment, to UVic Public Relations and Information Services, University House 2. The advertising deadline is eight days before publication date. For more information please call 721-7636.

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CALENDAR

ALL EVENTS ARE FREE UNLESS OTHERWISE INDICATED. SUBMISSION DEADLINE FOR THE NEXT ISSUE IS JANUARY 19.

ATHLETICS EXHIBITIONS FILMS LECTURES MUSIC RECREATION
THEATRE WORKSHOPS & CONFERENCES OTHER

CONTINUING

E 10:00 a.m. *E. J. Hughes A Retrospective*. Maltwood Art Museum and Gallery. Through to January 21, 1996.

Friday, January 12

M 12:30 p.m. *Fridaymusic*. 50-minute recital featuring keyboard students of the School of Music. Phillip T. Young Recital Hall. Info 721-7903.

L 2:30 p.m. *Semiparametric Maximum Likelihood Estimation of Garch Models*. Jian Yang, Queens University (Economics). Cornett B335A. Info 721-8532.

M 8:00 p.m. *Faculty Recital*. Alexander Dunn, assisted by Ann Elliott-Goldschmid, Yael Aloni and Robert Holliston. The 19th Century Guitar. \$6-\$10 at School of Music office & Univ. Centre box office. Phillip T. Young Recital Hall. Info 721-7903.

Saturday, January 13

A 6:30 p.m. *Women's Basketball*. vs. UBC. \$3-6.50 at McKinnon Gym. Info 721-8406.

M 8:00 p.m. *Faculty Recital*. Bruce Vogt. \$6-\$10 at School of Music office & Univ. Centre box office. Phillip T. Young Recital Hall. Info 721-7903.

M 8:00 p.m. *Victoria Symphony PrimeTime Classics Concert*. Guest Conductor Dennis Simons and flute soloist Richard Volet. \$19-\$20 at Univ. Centre Auditorium. Info 721-8480.

A 8:15 p.m. *Men's Basketball*. vs. UBC. \$3-6.50 at McKinnon Gym. Info 721-8406.

Sunday, January 14

M 2:30 p.m. *Victoria Symphony PrimeTime Classics*. \$19-\$20 at Univ. Centre box office. Univ. Centre Auditorium. Info 721-8480.

F 2:30, 7:00 & 9:15 p.m. *How to Make an American Quilt*. Jocelyn Moorhouse (USA, 1995). \$3 matinee. \$4-\$6 evening. SUB Theatre. Info 721-8365.

M 2:30 p.m. *Faculty Recital*. Susan Young, Peter Smith. An Afternoon of German Song \$6-\$10 at School of Music office & Univ. Centre box office. Phillip T. Young Recital Hall. Info 721-7903.

M 8:00 p.m. *Victoria Symphony Concert*. Guest Conductor Dennis Simons and flute soloist Richard Volet. \$19-\$20 at Univ. Centre box office. Univ. Centre Auditorium. Info 721-8480.

Monday, January 15

L 2:30 p.m. *Nash Equilibrium Without Mutual Knowledge of Rationality*. Kin Chung Lo, University of Toronto (Economics). Cornett

M 8:00 p.m. *B. Mus. Graduating Recital*. Graham Hargrove. Phillip T. Young Recital Hall. Info 721-7903.

Thursday, January 18



E.J. Hughes' Mouth of a Creek, Cherry Point. At the Maltwood to Jan. 21.

B109. Info 721-8532.

F 7:15 & 9:15 p.m. *Double Happiness*. Mina Shum (Canada, 1994). \$4-\$6 at door. SUB Theatre. Info 721-8365.

Tuesday, January 16

L 3:30 p.m. *Thermohaline Transitions in the Arctic Ocean*. Eddy Cormack, Institute of Ocean Sciences (School of Earth and Ocean Sciences). Clearihue A201. Info 721-6120.

F 7:00 & 9:20 p.m. *Bandit Queen*. Shekhar Kapur (Great Britain/India, 1994). \$4-\$6 at door. SUB Theatre. Info 721-8365.

L 8:00 p.m. *Debunking "Body Language: New Research on Non-Verbal Communication"*. Dr. Janet Bavelas, University of Victoria, Provost Lecture. Human & Social Development A240. Info 721-7636.

Wednesday, January 17

A *Women's Field Hockey*. VILFHA League. TURF. Info 721-8406.

T 12:30 p.m. *Campus Safety Theatre*. UVic Safety Troupe. University Centre foyer. Info 721-7600.

W 4:30 p.m. *Classroom Management: Answers and Questions*. Carole Turner, Camosun College (Linguistics & Division of Continuing Studies). Clearihue C112. Info 721-7420.

F 6:30 & 9:10 p.m. *The Blue Kite*. Tian Zhuangzhuang (China, 1993). \$4-\$6 at door. SUB Theatre. Info 721-8365.

O 7:30 p.m. *Victoria Palaeontology Society Annual General Meeting*. Cornett A121. Info 721-6196.

Saturday, January 20

F 2:30, 7:00 & 9:15 p.m. *To Die For*. Gus Van Sant (USA, 1995). \$3 matinee. \$4-\$6 evening. SUB Theatre. Info 721-8365.

A 6:30 p.m. *Women's Basketball*. vs. Lethbridge. \$3-6.50 at McKinnon Gym. Info 721-8406.

M 8:00 p.m. *Chamber Music Series*. \$6-\$10 at School of Music office & Univ. Centre box office. Phillip T. Young Recital Hall. Info 721-7903.

A 8:15 p.m. *Men's Basketball*. vs. Lethbridge. \$3-6.50 at McKinnon Gym. Info 721-8406.

A *Women's Field Hockey*. Indoor Tourney - Gordon Head Complex. price varies. Info 721-8406.

Sunday, January 21

A *Women's Field Hockey*. Indoor Tourney - Gordon Head Complex. price varies. Info 721-8406.

F 2:30, 7:00 & 9:10 p.m. *To Wong Foo, Thanks for Everything! Julie Newmar*. Beban Kidron (USA, 1995). \$3 matinee. \$4-\$6 evening. SUB Theatre. Info 721-8365.

Monday, January 22

M 8:00 p.m. *B. Mus. Graduating Recital*. Kinza Tyrrell. Phillip T. Young Recital Hall. Info 721-7903.

Tuesday, January 23

L 3:30 p.m. *Interannual Fluctuations of the Zooplankton Community off Vancouver Island*. Dave Mackas, Institute of Ocean Sciences (School of Earth and Ocean Sciences). Clearihue A201. Info 721-6120.

O 7:30 p.m. *SAGE (Stimulate, Advance and Guide Education)*. Intergenerational peer learning program of Continuing Studies. Senate Chambers (Univ. Centre A180). Info 721-8827.

L 8:00 p.m. *Ecofeminist Strategies and the Subsistence Perspective*. Free Public Lecture. Dr. Marla Mies, Feminist Activist, Educator, Scholar (Women's Studies) Human & Social Development A240. Info 721-7378.

Wednesday, January 24

M 2:30 p.m. *Mus 588 Recital*. Tracy Wright. Phillip T. Young Recital Hall. Info 721-7903.

W 4:30 p.m. *Communicative Activities in the ESL Classroom*. Angele Segger, University of Victoria (Linguistics & Division of Continuing Studies). Clearihue C112. Info 721-7420.

A 6:30 p.m. *Women's Field Hockey*. VILFHA League. TURF. Info 721-8406.

Thursday, January 25

L 11:30 a.m. *Synthesis and Reactivity of Tungsten ...* Dr. James Boncella, University of Florida (Chemistry). Elliott 060. Info 721-7156.

Friday, January 26

M 12:30 p.m. *Fridaymusic*. School of Music students in a program for various instruments. Phillip T. Young Recital Hall. Info 721-7903.

A 6:15 p.m. *Women's Volleyball*. vs. Oregon State. \$3-6.50 at McKinnon Gym. Info 721-8406.

L 7:30 p.m. *Victoria Paleontology Society*. Plant Life during the last 100 million years in the Pacific Northwest. Dr. Glen Rouse, University of B.C. Cornett A121. Info 721-6196.

A 8:00 p.m. *Men's Volleyball*. vs. Calgary. \$3-6.50 at McKinnon Gym. Info 721-8406.

Saturday, January 27

M 2:00 p.m. *The Hobbit*. Four Seasons Musical Theatre. \$5 all tickets at Univ. Centre box office. Univ. Centre Auditorium. Info 721-8480.

A 6:15 p.m. *Women's Volleyball*. vs. Calgary. \$3-6.50 at McKinnon Gym. Info 721-8406.

A 8:00 p.m. *Men's Volleyball*. vs. Calgary. \$3-6.50 at McKinnon Gym. Info 721-8406.

Sunday, January 28

A UVic Invitational. Cross Country/ Mid Dist. price varies. Stadium. Info 721-8406.

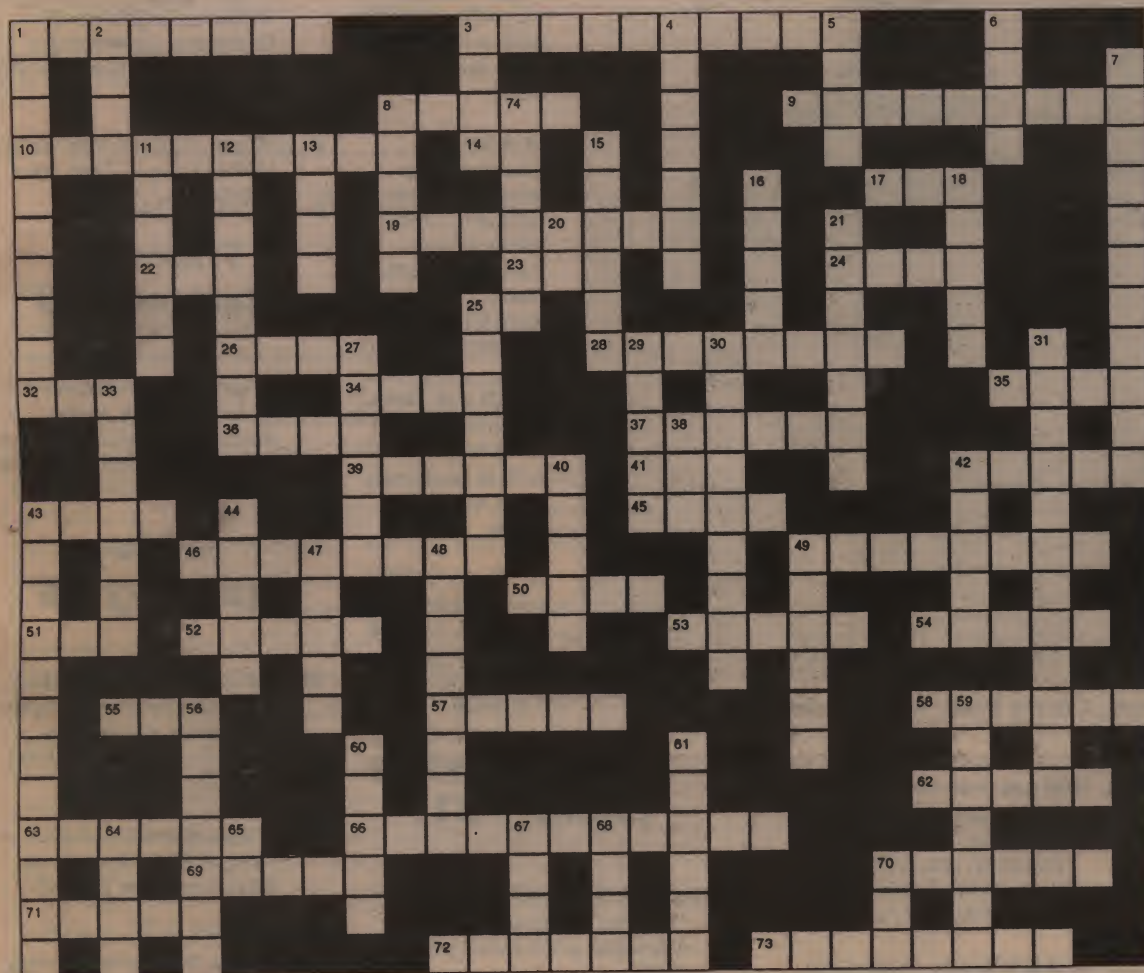
M 2:00 p.m. *The Hobbit*. Four Seasons Musical Theatre. \$5. all tickets. Univ. Centre Auditorium. Info 721-8480.

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ACROSS CLUES

- 1 Pertinent to Canada (8)
- 3 A place for food (10)
- 8 The place for liberty's light (5)
- 9 UVic's location; with 39 across (9)
- 10 The S.E. edge of campus (6,4)
- 14 Phys. Ed; even shorter (2)
- 17 A seat in the chapel (3)
- 19 Beertree! (8)
- 22 Referee for short (3)
- 23 The color of blood (3)
- 24 These woods are strait! (4)
- 25 Not Mom and I; ___ and Mom (2)
- 26 The Vikes are one of yours (4)
- 28 University year periods (8)
- 32 If you can do this you could be on stage (3)
- 34 Fossil fuel (4)
- 35 A sport played in water or on horseback (4)
- 36 Symbol of marriage (4)
- 37 Former students (6)
- 39 See 9 across (6)
- 41 Scottish prefix (3)
- 42 See 31 down (5)
- 43 Steve the miller or to study fast and furious (4)
- 45 To trade (4)
- 46 Footloose birds (8)
- 49 Sacred rite (8)
- 50 Faculty; with 13 down (4)
- 51 Hockey playing surface (3)
- 52 What the chickens are doing with their eggs! (5)
- 53 Sleeping areas (5)
- 54 Book contents (5)
- 55 Xmas month (3)
- 57 Calvin and his tiger go E-less! (5)
- 58 The vice president from the X-files! (6)
- 62 Number of faculties (5)
- 63 Dollar coin (6)
- 66 See 1 down (11)
- 69 First nation with Kay! (5)
- 70 "I do" building (6)
- 71 Australian mascot (5)
- 72 Scandinavians (7)
- 73 University bus number (8)

DOWN CLUES

- 1 Astronomical building; with 66 across (10)
- 2 You score in these (4)
- 3 To complain while fishing! (4)
- 4 UVic coach (7)
- 5 All of 1995 (4)
- 6 The color of royal blood (4)
- 7 School conclusions (11)
- 8 Same as 28 across
- 11 Tri-university Meson facility (6)
- 12 Vital business/school equipment (8)
- 13 See 50 across (4)
- 15 Finnerty Gardens feature (6)
- 16 You have to pay these back (5)
- 18 You can't see them for the trees (5)
- 20 Bridge team at cards (2)
- 21 This playhouse rose from the ashes; with 33 down (7)
- 25 Scottish toothpaste or magazine! (7)
- 27 Companion university from back east (6)
- 29 You may hate them but you've got to take them (5)
- 30 What students came to UVic for (9)
- 31 The 1994 big event; with 42 across (12)
- 33 See 21 down (7)
- 38 A faculty (3)
- 40 This president and vice-chancellor fought a goliath! (5)
- 42 3rd letter of the Greek alphabet (5)
- 43 Location of the Jeanne Simpson Centre (8,4)
- 44 UVic's co-op land of the rising sun (5)
- 47 Hopefully this crossword makes you do this (5)
- 48 Scotch whiskey or those at the front of the class (8)
- 49 University grounds (6)
- 56 Dunce's cap shape (7)
- 59 Weather (7)
- 60 Libraries are full of these (5)
- 61 Basketball, hockey, soccer, etc. (6)
- 64 A form of exam (4)
- 65 Hesitation or top TV show (2)
- 67 Ice hockey is played here (4)
- 68 Shakespeare's river (4)
- 70 Vehicle (3)
- 74 Middle of the U. (6)

Solve the Crossword
and return it by
Jan. 18, 1996 to:

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c/o UVic Public Relations
& Informations Services
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or send it by mail to:

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